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NOTE: Proof of purchase is required for any warranty claim. Refer to back cover.



IMPORTANT SAFETY INSTRUCTIONS



READ ALL SAFETY INFORMATION BEFORE USING

Many washers are located near a gas dryer or a water heater in the home.



WARNING:

For your safety the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

If you smell gas

1. Do not try to light any appliance.
2. Do not touch an electrical switch; do not use any phone in your building.
3. Clear the room, building or area of all occupants.
4. Immediately call your supplier from your neighbor's phone.
Follow the gas suppliers instructions.
5. If you cannot reach your gas supplier, call the fire department.



WATER HEATER SAFETY:

Under certain conditions hydrogen gas may be produced in a water heater that has not been used for two weeks or more.

HYDROGEN GAS CAN BE EXPLOSIVE UNDER THESE CIRCUMSTANCES.

If the hot water has not been used for two weeks or more, prevent the possibility of damage or injury by turning on all hot water faucets and allowing them to run for several minutes before using any electrical appliance which is connected to the hot water system. This will allow any hydrogen gas to escape. Since the gas is flammable, do not smoke or use an open flame or appliance during this process.



IMPORTANT SAFETY INSTRUCTIONS



READ ALL SAFETY INFORMATION BEFORE USING



WARNING:

To reduce the risk of fire, electric shock, or injury to persons when using your appliance, follow basic precautions, including the following:

Safety Precautions:

- Read all instructions before using the appliance.
- Use this appliance only for its intended purpose as described in this USE & CARE book.
- Do not use washer if inspection cover (on bottom right-hand front of washer) has been removed or damaged.
- This washer must be properly installed and located in accordance with the INSTALLATION INSTRUCTIONS before it is used. If you did not receive an INSTALLATION INSTRUCTION sheet with your washer, you can obtain one by calling, toll-free, 888 9FNP USA (888 936 7872).
- Properly ground to conform with all governing codes and ordinances. Follow details in INSTALLATION INSTRUCTIONS.
- Do not install or store washer where it will be exposed to temperatures below freezing or exposed to the weather.
- Connect to a properly rated, protected and sized power supply circuit to avoid electrical overload.
- Connect to adequate plumbing and drain facilities as described in the INSTALLATION INSTRUCTIONS.
- Turn off water faucets when the washer is not in use to relieve pressure on hoses and valves and to minimize leakages if a hose or valve should break or rupture.
- Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in this USE & CARE book or in published user repair instructions that you understand and have skills to carry out.
- When disconnecting the appliance pull by the plug rather than the cord or junction of cord to avoid damage to the cord or junction of the cord plug.
- Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subject to damage or stress.
- Keep all laundry aids (such as detergents, bleach, fabric softener, etc.) out of the reach of children, preferably in a locked cabinet. Observe all warnings on container labels to avoid personal injury.



IMPORTANT SAFETY INSTRUCTIONS



- Do not tamper with the controls.
- Keep the area around/underneath your appliance free from the accumulation of combustible materials, such as lint, paper, rags, chemicals, etc.
- Keep the floor around your appliance clean and dry to reduce the possibility of slipping.
- Never reach into the washer if the basket or agitator is moving.
Before loading, unloading or adding clothes, press START/PAUSE and wait until the machine has completely stopped before opening the lid.
- Close supervision is necessary if this appliance is used by or near children. Do not allow children to play inside, or with this appliance or any discarded appliance. Dispose of discarded appliances and shipping/packing materials properly. Before discarding a washer, or removing from service, remove the washer lid.
- Do not leave washer lid up during the cycle. This will stop the wash and spin action and prevent completion of the cycle. To restart, close lid and press START/PAUSE.
- Do not wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances (such as wax, oil, paint, gasoline, degreasers, dry-cleaning solvents, kerosene, etc.) which may ignite or explode. Do not add these substances to the wash water. Do not use these substances around your washer and/or dryer during operation, as they give off vapors that could ignite or explode.
- The laundry process can reduce the flame retardancy of fabrics. To avoid such a result, the garment manufacture's care instruction should be followed very carefully.
- Do not mix chlorine bleach with ammonia or acid such as vinegar and/or rust remover. Mixing can produce a toxic gas which may cause death.
- Never climb on or stand on the washer top or lid.
- Do not wash fibreglass articles in your washer. Skin irritation could result from the remaining particles that may be picked up by clothing during subsequent washer use.
- To minimize the possibility of electric shock, unplug this appliance from the power supply or disconnect the washer at the household distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning.
- NOTE: Pressing POWER button does NOT disconnect the appliance from the power supply, even though the lights are out.
- Do not operate this appliance if it is damaged, malfunctioning, partially disassembled or has missing or broken parts, including a damaged cord or plug.
- Do not operate this appliance if the lid has been incorrectly fitted.
- If you are using an extension cord or a portable electrical outlet device (eg multi-socket outlet box), ensure that it is positioned so that it does not come into contact with water or moisture.

SAVE THESE INSTRUCTIONS

OPERATING INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.

INTRODUCING YOUR SMART DRIVE

Your Smart Drive has a unique control and drive system developed by Fisher & Paykel for use in washers. The Smart Drive system includes a sophisticated package of electronics in the console of the washer which controls a variable speed motor coupled directly to the agitator. This allows much greater versatility than conventional mechanical machines that use clutches, brakes and gearboxes to control one or two speed motors. Using this system, the wash cycle can be controlled in such a way that soil removal is maximized with minimum wear and tear to clothes.

AGITATOR ACTIONS

Your Smart Drive has an almost infinite number of agitator actions, which will be automatically customized for each individual load. This ensures a consistently high wash performance.

HANDWASHING

The unique Delicate and Wool cycles allow you to wash articles that you would have previously only washed by hand. The wool cycle is for machine washable woollens only.

WATER TEMPERATURE

Your Smart Drive has a range of five electronically controlled water temperatures. Electronic control protects your clothes and ensures optimum wash performance by mixing the hot and cold water prior to entering the wash basket.

WATER LEVELS

On Auto Water Level your Smart Drive will automatically select the optimum water level for each wash load. Unlike conventional mechanical washers, your Smart Drive allows the lowest water level to start at the base of the agitator. The combination of Auto Water Level and the range of five water levels adds not only convenience but greater water savings with smaller wash loads.

SPIN SPEEDS

The same electronic flexibility that provides a variety of agitator actions also provides a range of spin speeds (300, 700 and 1000 rpm) to cater for all fabrics. The top spin speed of 1000 rpm will leave your clothes noticeably drier.

CONTROLS

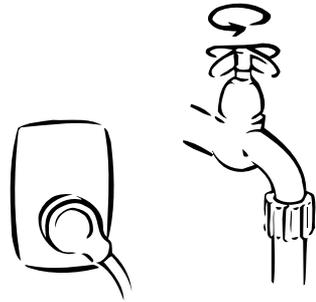
The electronic controls are designed for maximum ease of use. Software prevents you from programming your machine in a way that will damage your clothes. The Favorite cycle allows you to select the cycle and wash options at the touch of a button.

In summary, your Smart Drive offers better wash performance over a greater range of fabric types, water levels and clothes loads whilst increasing the machine's ease of operation.

USING YOUR SMART DRIVE

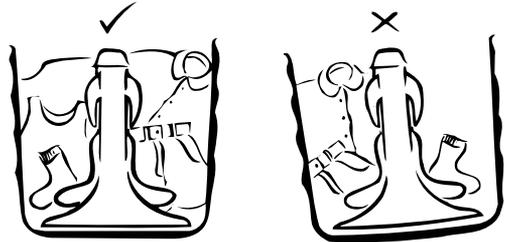
1. POWER AND WATER

Turn on the power and water supplies.



2. LOADING

Place the load evenly around the agitator. (Refer to Sorting and Loading pages 18-19.)



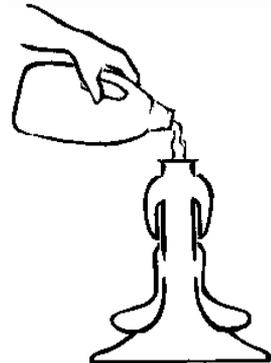
3. DETERGENT

- Use the mark on the agitator, nearest to the top of the clothes, as a guide to the correct amount of detergent to use.
- Remove the fabric softener dispenser. Pour the detergent down the center of the agitator stem.
- Replace the fabric softener dispenser as this stops small articles falling down the center of the agitator. (Refer to Detergent page 20.)



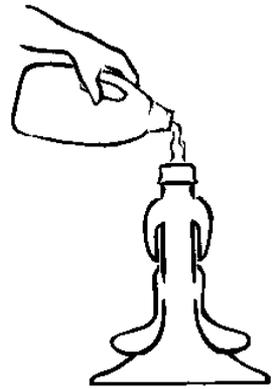
4. BLEACH

- Remove the fabric softener dispenser.
- Pour diluted bleach down the center of the agitator stem. (Refer to Bleach page 21.)



5. FABRIC SOFTENER

- If you wish to use fabric softener, place it in the dispenser on the top of the agitator.
- If you want to use fabric softener you will need to select the Softener Rinse Option. (Refer to Fabric Softener page 21.)



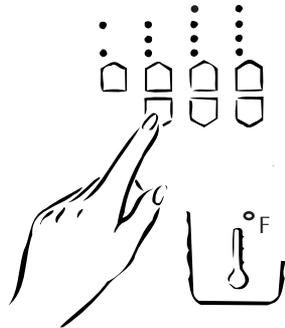
6. WASH CYCLE

Close the lid and press your chosen wash cycle.



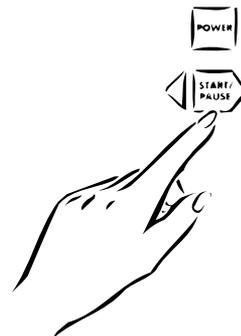
7. WASH OPTIONS

Select the wash temperature and other wash options.
(Refer to pages 8-14)



8. START

Press START/PAUSE to start the machine.



WASH CYCLES AND OPTIONS

	PERMANENT PRESS	WOOL	DELICATE	REGULAR	HEAVY DUTY
Wash Time	6	8	8	12	15
Wash Action	Regular	Delicate	Delicate	Regular	Heavy Duty
Wash Temp	Warm/cold	Warm/cold	Warm	Warm	Warm
Rinse	Cold Double Deep	spray + w/cold deep rinse	Cold Double Deep	Water Saver	Water Saver
Spin Speed	Slow	Medium	Slow	Fast	Fast

THE WASH CYCLES

FAVORITE Lets you design a wash cycle to suit your needs. See Favorite Wash Cycle (see page 14).

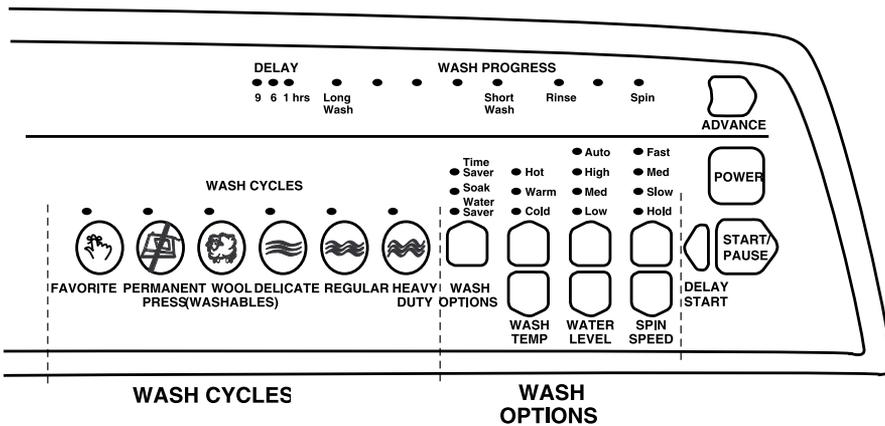
PERMANENT PRESS For synthetics, blends and/or delicate fabrics with normal soil.

WOOL Specially designed for normally soiled knits.

DELICATE For lingerie and special-care fabrics with light soils.

REGULAR For medium to light soiled cottons, linens, work and play clothes.

HEAVY DUTY For heavily soiled and heavy duty fabrics.



CHANGING THE WASH OPTIONS

When you press **POWER** to turn on your Smart Drive, it will automatically select a:

- REGULAR wash cycle,
- WARM wash temperature,
- AUTO water level
- FAST spin speed.

Each of these wash options can be altered to suit your wash needs. The following pages explain each of the wash options and how to use them.

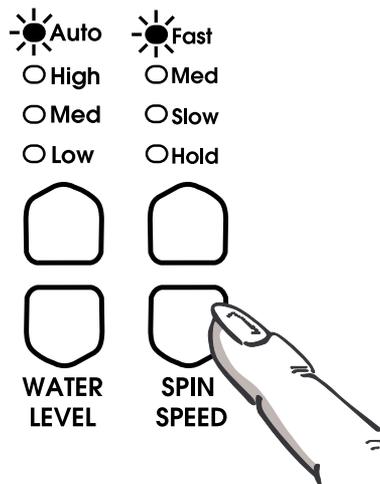
In the following diagrams when a (☀) is displayed it indicates a light is on. When (○) is displayed, it indicates a light that is off.

TO ALTER THE WASH OPTIONS

1. Select wash cycle.
2. Use the up or down buttons to alter the Wash Options.
3. Press **START / PAUSE**.

Two lights are sometimes used to show some wash options.

For example, on WARM-HOT or WARM-COLD water temperature the display will look like this.

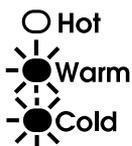


Alter the Wash Options using the Up or Down buttons

WARM - HOT



WARM - COLD



ADVANCING THE WASH CYCLE

The Wash Progress lights show all the tasks your Smart Drive will do during the wash cycle. As each task is completed a light goes out, so you can tell at a glance how far the cycle has to go.

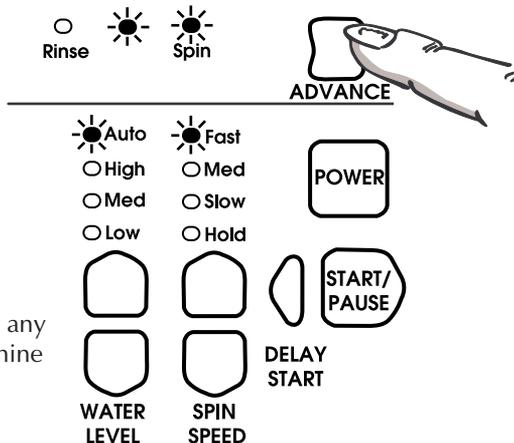
TO SHORTEN THE WASH TIME, TO RINSE AND SPIN or TO SPIN DRY

1. Press ADVANCE until only the right number of lights remain on.
2. Press START / PAUSE.

STOPPING THE MACHINE

If you wish to pause or stop your Smart Drive at any stage, press START / PAUSE. Wait until the machine has fully stopped before opening the lid.

To restart the machine close the lid and press START/PAUSE.



CLOTHES CARE SAFEGUARDS

To avoid accidentally damaging your clothes, there are a few options that your Smart Drive will not accept. For example, you can not select a hot wash on Delicate, Permanent Press or Wool cycles. Your Smart Drive knows that these options could cause fabric damage.

AUTOMATIC LINT DISPOSAL SYSTEM

Your Smart Drive has a self cleaning lint disposal system. This means that it automatically separates the lint from the wash water as it washes. The lint becomes trapped between the basket and tub and is flushed out at the end of the wash cycle.

WATER LEVELS

AUTO WATER LEVEL

Your Smart Drive can automatically select the appropriate water level for the load.

1. Place your clothes in the machine.
2. Select wash cycle (select AUTO if not automatically selected).
3. Press START / PAUSE.

During fill the machine will pause occasionally to sense the water level. The machine will check if the water level is correct by using a series of two different agitate strokes. A slow stroke to sense the load and an agitate stroke to mix the load. (This may take over a minute). If it detects that the water level is not enough it will fill with more water and re-check the level.

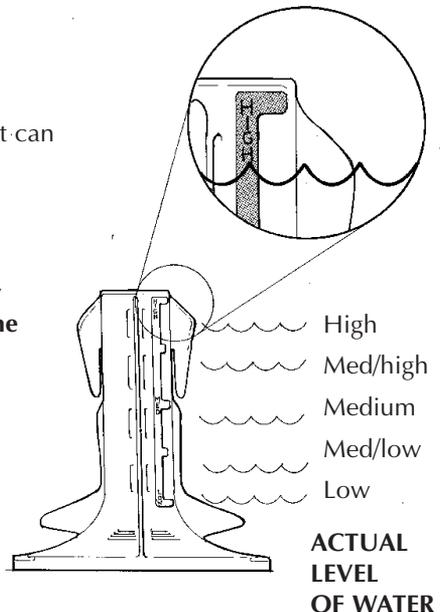
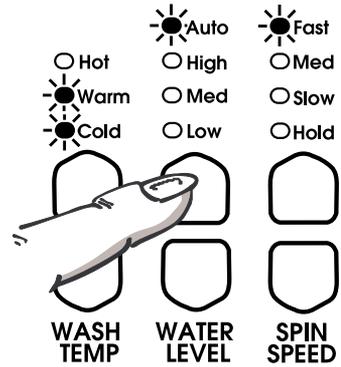
- **When washing an unusual load eg large bulky garments, pillows, we recommend you manually select the water level.**
- Manually select the water level if there is already water in the machine.

Note: If you feel the machine does not fill to the correct level, you can adjust the level the machine selects. Refer to the Option Adjustment instructions on pages 23 and 27.

MANUAL WATER LEVEL SELECTION

The agitator has five levels marked on its stem that can be used to help you select the correct water level. Select the correct water level by using the mark nearest to the top of the clothes.

- **The levels marked on the agitator do not correspond exactly to the level of water. They indicate the level of dry clothes suitable for the water level.**
- Your Smart Drive may occasionally add water during agitation. This is to maintain the water level due to the release of air trapped in the garments.



WATER SAVER

Use the WATER SAVER option when you want to minimize the amount of water used during a Regular or Heavy Duty wash cycle.

When you have selected Water Saver, your Smart Drive will alter the rinse phase to give a shower rinse. A shower rinse alternately showers the clothes with water and spins them to remove the sudsy water.

- **The Water Saver option is not designed to be used with fabric softener.** The shower rinse does not have a deep rinse so it cannot dispense fabric softener correctly.
- There are some wash loads that may not suit being washed using the Water Saver option. For instance, loads that have a lot of sand or sawdust etc in them, or garments where color runs.
- Smart Drive customizes the rinse water volume to suit each load size.

TO USE WATER SAVER

1. Select REGULAR or HEAVY DUTY wash cycle and your wash options.
2. Select WATER SAVER.
3. Press START / PAUSE.

If you wish to use Time Saver or Soak with Water Saver push the WASH OPTIONS button until both options have been selected.

Note: Water Saver is only available on the Regular and Heavy Duty cycles. If you try to select Water Saver on the Wool, Delicate or Permanent Press cycle your Smart Drive will skip over the option.



DELAY START

Delay Start will delay the wash cycle for one, six or nine hours.

TO USE DELAY START

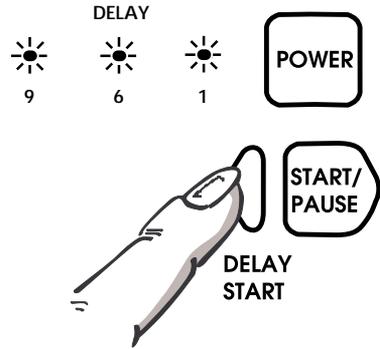
1. Select wash cycle and wash options.
2. Press DELAY START.

A delayed start of 1 hour will appear first. Press again for 6 hours, a third time for 9 hours and again to return to normal.

Your Smart Drive is now programmed to begin the wash after the delay period.

- Be careful if using Delay Start for non-colorfast clothes as dyes may run if the clothes are damp.

Note: It is not possible to program a delayed start into the Favorite cycle.



TIME SAVER

Time Saver allows you to shorten the wash cycle for lightly soiled clothes. Selecting this option means that the wash and spin times are reduced.

TO USE TIME SAVER

1. Select wash cycle and wash options.
2. Select TIME SAVER.
3. Press START / PAUSE.

Time Saver can be turned on or off at any time during the cycle.

If you wish to use Water Saver with Time Saver push the wash options button until both options have been selected.



SOAK

Use the Soak option to soak clothes at the end of the wash phase or when you wish to reuse the wash water.

When you select Soak your Smart Drive will soak for a period of 2 hours before completing rinse and spin. During soak your washer will agitate for a few seconds every minute.

TO USE SOAK

1. Select wash cycle and wash options.
2. Select SOAK.
3. Press START / PAUSE.

If at any time during the soak you wish to continue on with the rest of the cycle press ADVANCE and the machine will start the rinsing phase of the cycle.



SPIN HOLD

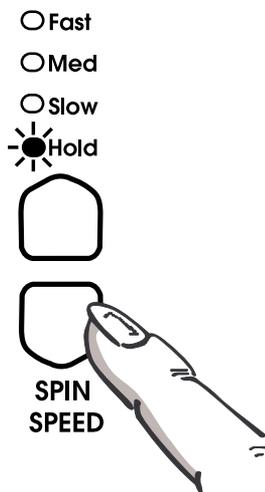
Use the Spin Hold option to:

- Remove drip dry garments from a mixed load before the wash goes into spin.
- Minimize the clothes creasing when they are left to sit in the bottom of the basket at the end of the cycle.

TO USE SPIN HOLD

1. Select wash cycle and wash options.
2. Select SPIN HOLD.
3. Press START / PAUSE.

When you have selected Spin Hold, your Smart Drive will pause at the end of rinse, beep and the spin light will flash to tell you that it is waiting for another instruction. Press START / PAUSE to begin the spin.



FAVORITE CYCLE

Favorite cycle lets you design a wash cycle to suit your needs.

Favorite cycle can be any wash cycle with any of its wash options and it can start from any point along the wash progress lights.

For instance, your Favorite cycle may be set up to wash your gym gear or it may be a rinse and spin to finish washing diapers.

Whatever you program as your Favorite cycle, your Smart Drive will remember it even when it is unplugged.

PROGRAMMING YOUR FAVORITE CYCLE

1. Press FAVORITE and hold down for 2 seconds.
2. The machine will give two quick beeps and the Favorite light will flash telling you that you are in the programming mode.
3. Select the wash cycle and wash options you want for your Favorite cycle.
(Use ADVANCE if you want only part of a cycle eg spin only.)
4. Press FAVORITE again to store your Favorite cycle.

To change your Favorite cycle repeat these four steps.

TO USE FAVORITE CYCLE

1. Press FAVORITE.
(Your Favorite cycle and wash options will be automatically selected.)
2. Press START / PAUSE.

CUSTOMIZING THE WASH CYCLES

All the wash cycles can be partially customized. You can program your Smart Drive to automatically set the wash options and agitation time you want, when you select each wash cycle.

For instance, you may want to set the Regular cycle to cold wash or set Heavy Duty to include a soak.

Once you have programmed the wash cycles, your Smart Drive will remember them, even when it is unplugged.

TO CUSTOMIZE THE WASH CYCLES

1. Press the wash cycle you wish to customize and hold down for 2 seconds.
2. The machine will give two quick beeps and the wash cycle light will flash telling you that you are in the programming mode.
3. Select your wash options.
4. If you would like to decrease the agitation time, press ADVANCE until the required number of green lights remain. (Each green light in the wash progress represents 3 minutes of agitation.)

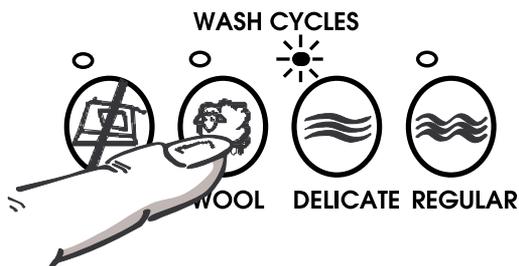
To increase the agitation time keep pressing ADVANCE until all the green lights are displayed again.

Note: On Heavy Duty and Wool you can only decrease the wash time.

5. Press the wash cycle again to store your customized cycle.

To change your customized wash cycle repeat these steps.

Note: The customized wash cycles cannot be set to start at the rinse or spin stage.

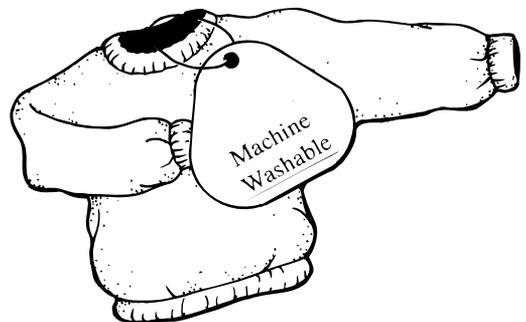


WASHING WOOLLENS

The Wool Cycle is for washing MACHINE WASHABLE WOOLLENS.

The fibers of these woollens have been specifically modified to prevent felting when they are machine washed. Most handknitted garments are not made of machine washable wool and we recommend that you hand wash them.

- Before washing your woollens check the care label for the washing instructions.
- When washing woollens use a mild detergent recommended for washing wool.
- Hand washed woollens may be spun in a washing machine to reduce the time they take to dry.
- To dry woollens lay them flat on a towel and pat into shape. Dry woollens out of direct sunlight. (The heat and tumble action of a dryer may cause shrinkage or felting of woollen garments).
- Some wool underlays and sheepskin products can be washed in a washing machine but may produce excessive amounts of lint that may cause pump blockages. (Ensure that the whole article is suitable for machine washing and not just the backing material.) You may wish to handwash these articles and place them in the machine to spin dry.



BEFORE YOU WASH

SORTING

Some fabrics are “scavengers”. They absorb soil, color and lint given off by other garments. So it is important to sort clothes carefully before washing.

CARE LABELS

- Look for a care label on your clothes. This will tell you about the fabric content of your garment and how it should be washed.
- Sort clothes into loads that can be washed with the same wash cycle, water temperature and spin speed.

	Hand Wash
	Do not bleach
	Do not tumble dry
	Medium iron
	Dryclean

SOIL

- Separate clothes according to the type and amount of soil. Some soils suit warmer washes eg oily soils, while others are best washed in cold water eg mud, blood.
- Heavily soiled clothes may need to be soaked.

COLOR

- Separate white fabrics from colored fabrics.
- Any fabric that has a strong bold color may bleed, especially when new. It is much safer to wash it separately, until you are sure that it will not lose any more of the color.

LINT

- Wash lint givers and lint collectors separately.
- Where possible, turn lint collectors inside out.
- If lint transfer is a problem:
 - * Wash light clothes separately to dark clothes.
 - * Use a little more detergent
 - * Avoid overloading

Lint Givers

Terry cloth
Chenille
Towels
Diapers

Lint Collectors

Synthetics
Corduroy
Permanent Press
Socks

LOADING

BEFORE WASHING

- **CHECK POCKETS** Things such as nails, hairclips, matches and pens can damage both your washer and your clothes.
- **CLOSE ZIPPERS, HOOKS AND EYES** This is to make sure that these items do not snag on other clothes.
- **MEND ANY TORN GARMENTS OR LOOSE BUTTONS** Tears or holes may become larger during washing. Remove any loose bra wires as they can damage your washing machine and/or dryer.
- **PRE-TREAT ANY STAINS**
- **FOR A BALANCED LOAD:**
 - * Place unfolded clothes firmly and evenly around the agitator.
 - * Do not wrap large items, such as sheets, around the agitator.
 - * A mixture of small and large items will wash the best.
- **DO NOT OVERLOAD THE MACHINE** Ensure that the load does not extend above the dispenser as splashing may occur.

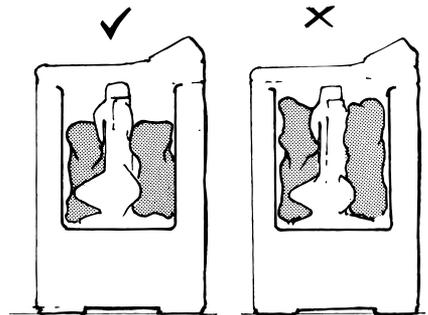
**A MAXIMUM WASH LOAD
15.4 lb (7kg)**

For example

- 2 queen sheets
- 4 standard pillow cases
- 2 medium tablecloths
- 6 medium bath towels
- 8 wash cloths
- 5 men's handkerchiefs
- 3 men's short sleeve shirts
- 4 t-shirts
- 7 pairs of shorts

WASHING BULKY ITEMS

- Forcing large items into the machine may result in them being damaged during washing. Ensure there is sufficient room in the machine for items to move when being washed.
- Some items float up during the wash, (eg duvets, pillows). If they sit too high they may come into contact with stationary parts of the machine during agitate or spin. To minimize the chance of this happening, **bulky items should be pushed down below the water level after fill and pushed to sit below the medium high water level mark on the agitator before spinning. Select a slow spin.**
- We recommend washing these items on the Delicate cycle. If you wish to re-spin the load at a faster speed ensure the load is sitting below the medium high mark before spinning.



Bulky items should sit below the medium high water level mark.

DETERGENT

CHOOSING THE RIGHT DETERGENT

We recommend the use of domestic detergents, (powder, liquid or concentrated).

Soap flakes or granulated soap powders should not be used in your Smart Drive.

When washing woollens remember to use a detergent suitable for woollens.

HOW MUCH DETERGENT?

For liquid and concentrated detergents, follow the recommendations of the detergent manufacturer.

Note: To check you are using the correct amount of detergent, lift the lid of your machine about half-way through the wash. There should be a thin layer of foam over the surface of the water. Lots of foam may look good but does not contribute to cleaning your clothes. No foam means not enough detergent has been used: soil and lint can settle back on the clothes or the washing machine.

ADDING THE DETERGENT

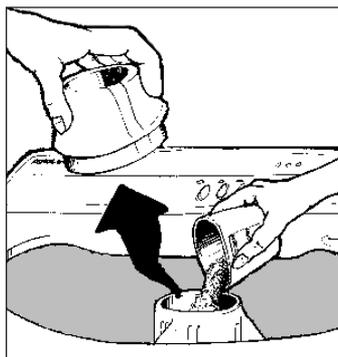
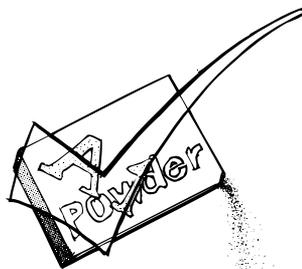
1. Remove the fabric softener dispenser.
2. Pour detergent down the center of the agitator.
 - Some detergents **MUST** be fully dissolved before adding to your machine to get the best wash results. **Check the instructions on the detergent packet.**
 - Pre-dissolving detergent when washing in cold water can improve its performance.
3. Replace the fabric softener dispenser. (This prevents small articles falling down the center of the agitator.)

SCRUD

Scrud is the name given to the waxy build-up that can occur within washers when the fabric softener comes into contact with detergent. This build-up is not brought about by a fault in the machine. If scrud is allowed to build-up in the machine it can result in stains on your clothes or an unpleasant smell in your washer.

If you wish to use fabric softener we recommend:

- Using fabric softener sparingly.
- When filling the dispenser, do not splash or overfill.
- Clean dispenser as soon as the cycle has finished.
- Clean your machine regularly (refer page 28).
- Cold water washing increases the chance of this build-up occurring. We recommend a warm or hot wash at regular intervals eg approximately every 5th wash.
- Fabric softener of a thinner consistency is less likely to leave residue on the dispenser and contribute to a build-up.



FABRIC SOFTENER

HOW THE FABRIC SOFTENER IS DISPENSED

The fabric softener goes into the dispenser on the top of the agitator. During rinse the machine spins to release the fabric softener, delivering it down the agitator stem as the machine fills for the final deep rinse.

Note: The Water Saver option is not designed to be used with fabric softener. Water Saver does not use a deep rinse so it cannot dispense fabric softener correctly.

HOW MUCH FABRIC SOFTENER?

The ring on the dispenser cup is a guide for the amount of fabric softener to add for a full load. Smaller loads require less fabric softener.

CLEANING THE DISPENSER

When using fabric softener, rinse your dispenser at the end of each wash.

1. Separate the cup from the dispenser body by pushing downwards on the base of the cup.
2. Rinse both parts of the dispenser using warm soapy water.

BLEACH

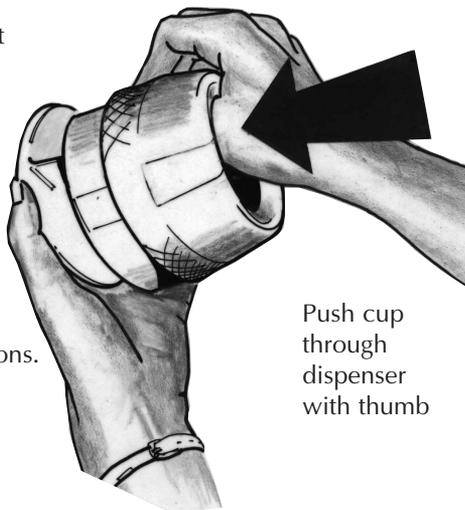
To use liquid chlorine bleach:

- 1 Check clothing care labels for special instructions.
- 2 Measure liquid bleach carefully, following instructions on package.
- 3 Dilute liquid bleach with water.
- 4 Remove Fabric Softener Dispenser.
- 5 Pour diluted liquid bleach down the center of the agitator stem.
- 6 Replace the Fabric Softener Dispenser

If you prefer to use powdered bleach, pour into the agitator with your detergent.

NOTE: Never pour undiluted liquid chlorine bleach directly onto clothes, into the wash basket, or into the center of the agitator.

TO REMOVE CUP



Push cup through dispenser with thumb

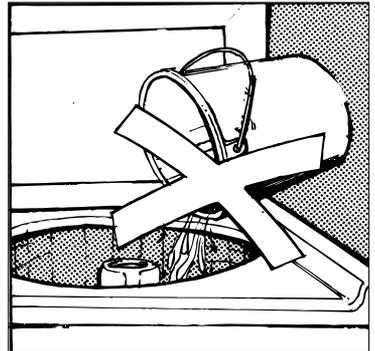
HOW TO REMOVE STAINS

- Treat stains AS SOON AS POSSIBLE. The longer they are left the harder they are to remove.
- Always consider the type of fabric you are treating to make sure you do not use a water temperature that is too hot or a treatment that will alter the color of the fabric. It pays to test pre-wash products and solvents on an inconspicuous part of the garment first.
- Place the garment being treated on an absorbent cloth (eg on an old towel). Work from the reverse side of the stain, as this can force the stain off the fabric instead of through it.
- Use cold or warm water on unknown stains as hot water can set some stains.
- Some stains are not easily seen when the fabric is wet. Air dry the stained garment to be sure the stain has been removed, as heat from a dryer may set the stain.
- Take care with stain removal treatments as they are often flammable and highly poisonous. Do not use them on your washer as they may damage the paint or plastic components.
- Some pretreatment sprays or liquids can damage your washer's control panel.

DIAPER SANITIZERS

Diaper Sanitizers are very corrosive to metal surfaces, and will cause damage to the paint work and components of your washer.

DO NOT soak diapers in sanitizer in your washer or tip the contents of the diaper bucket into your machine. Rinse and wring diapers out thoroughly before placing them in the washer.



CHANGING PRE-SET OPTIONS

OPTION ADJUSTMENT MODE

After using your Smart Drive you may want to change some of the pre-set options to suit your wash needs.

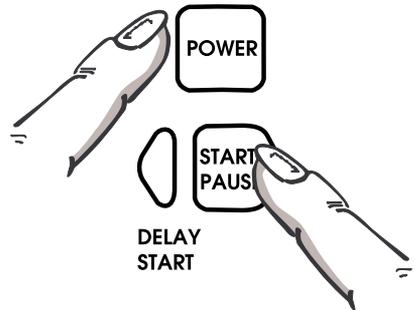
You can change the following pre-set options:

- the rinse option on Heavy Duty, Regular and Wool cycles
- the amount of water used in the Water Saver option
- the number of beeps at the end of the cycle
- the Out of Balance recovery routine
- the fill level selected by auto water level

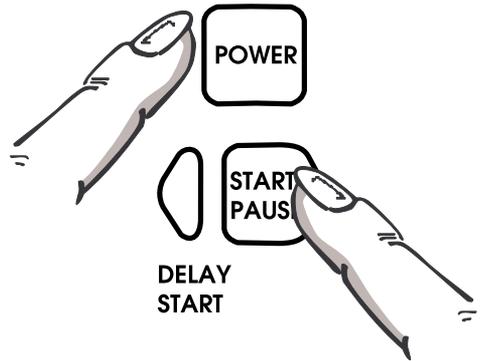
To make these changes it is necessary to enter the "Option Adjustment Mode".

TO ENTER OPTION ADJUSTMENT MODE

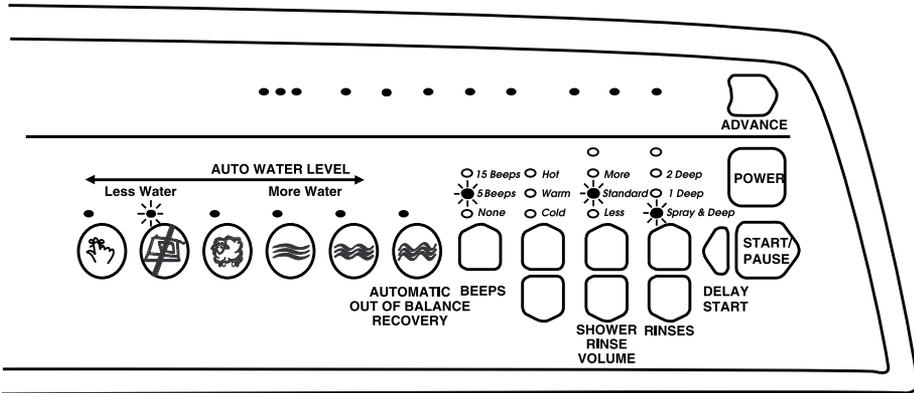
1. Plug the machine in, but do not press POWER. Press START / PAUSE and hold down. Press POWER.
2. When the buttons have been pressed correctly the machine will give two quick beeps and show an unusual pattern of lights.
In this mode the lights are used to indicate the different options available. The diagram on page 24 shows how the lights relate to the options you can change.
Pages 25 - 27 explain the different options in more detail.
3. Use the buttons on the panel to make your changes to the pre-set options.
4. Press POWER to return to normal mode.
5. Your Smart Drive will automatically remember your changes.
6. To make further changes, repeat the above steps.



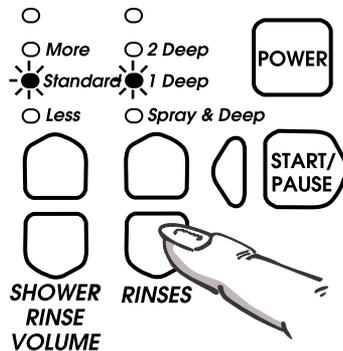
1. Press START / PAUSE and hold down. Press POWER.



2. This diagram below shows how the lights relate to the options you can change in the Option Adjustment Mode. It also shows what lights will be on when you first enter the Option Adjustment Mode.



3. Use the buttons on the panel to change the pre-set options.



RINSE OPTIONS

On the Heavy Duty, Regular and Wool cycles you can change the pre-set rinse option.

The pre-set rinse option on these cycles is a spray rinse followed by a deep rinse. The spray rinse may be replaced with a short spin or a deep rinse.

If you have a problem with impurities in your water supply you may get a better wash if you change the rinse option to two deep rinses. If you want to conserve water change the rinse option to one deep rinse.

1. Enter the Option Adjustment Mode as explained on pages 23 and 24.
2. Use the SPIN SPEED buttons to select the rinse option you prefer.
 - MED light on = 2 deep rinses
 - SLOW light on = Short spin and 1 deep rinse
 - HOLD light on = Spray rinse and 1 deep rinse
3. Press POWER to return to normal mode.

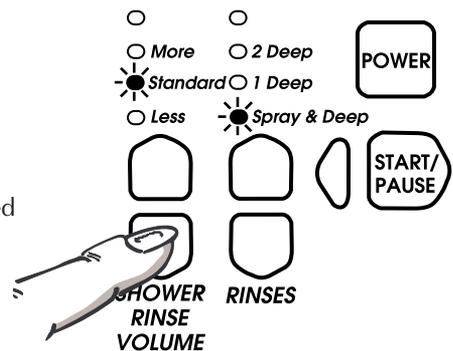
RINSE OPTIONS

MED spin light on	Deep rinse	Deep rinse
SLOW spin light on	Short spin	Deep rinse
HOLD light on	Spray rinse	Deep rinse

VOLUME OF WATER USED IN THE WATER SAVER OPTION

You can increase or decrease the volume of water added during the shower rinse on the Water Saver option.

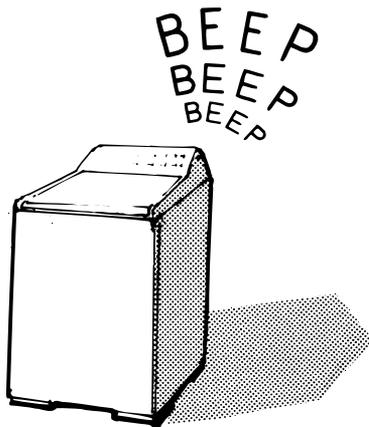
1. Enter the Option Adjustment Mode as explained on pages 23 and 24.
2. Use the WATER LEVEL buttons to select the volume of water you wish to be used in the shower rinse.
 - HIGH light on = more water
 - MED light on = factory set water volume
 - LOW light on = less water
3. Press POWER to return to normal mode.



END OF CYCLE BEEPS

The beeps signaling the end of the cycle can be increased or decreased.

1. Enter the Option Adjustment Mode as explained on pages 23 and 24.
2. Use the Wash Option button to select the number of beeps you prefer.
TIME SAVER light on = 15 beeps
SOAK light on = 5 beeps
WATER SAVER light on = no beeps
3. Press POWER to return to normal mode.

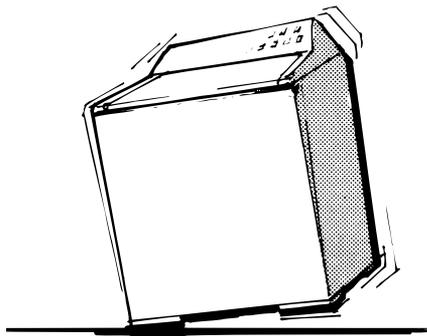


OUT OF BALANCE RECOVERY ROUTINE

When your Smart Drive is spinning it can sense when the wash load is out of balance and will stop and retry spinning. If the machine still senses an unbalanced load there are two options the machine can take.

- Automatic Recovery Option:
Your Smart Drive tries to automatically correct the out of balance load. If it detects an unbalanced load, it will fill with water and agitate to redistribute the load before trying to spin up again.
- Machine Stops Option
Your Smart Drive will stop, giving a short burst of beeps every five seconds and the first RINSE or SPIN light, as well as the SPIN SPEED light will flash. You must redistribute the load more evenly yourself. Use this option if you wish to conserve water.

1. Enter the Option Adjustment mode as explained on pages 23 and 24.
2. Use the Heavy DUTY button to select the Out of Balance recovery option you prefer.
HEAVY DUTY light on = automatic
HEAVY DUTY light off = stops
3. Press POWER to return to normal mode.



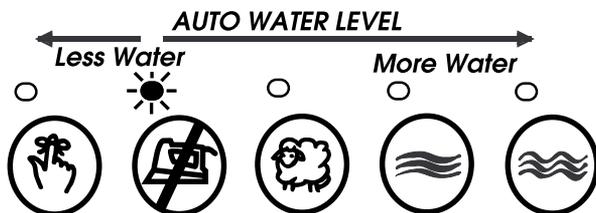
AUTO WATER FILL LEVEL

If you are not satisfied with the level that your Smart Drive fills to on Auto water level, you can increase or decrease the fill level that Auto will select.

Note: If you feel there is not enough water for the load, we recommend you check by pausing the machine and pushing the clothes down to see how much water is under the clothes. Clothes often float and your Smart Drive can sense the water under the clothes.

1. Enter the Option Adjustment Mode as explained on pages 23 and 24.
2. Use the cycle buttons to increase or decrease the amount of water selected.

FAVORITE light on	=	less water
PERMANENT PRESS light on	=	factory set level
WOOL light on	=	more water +
DELICATE light on	=	more water ++
REGULAR light on	=	more water +++



3. Press POWER to return to normal mode.

CARE AND CLEANING

WHEN YOU HAVE FINISHED

- Turn off the faucets to prevent any chance of flooding should a hose burst.
- Unplug the machine from the wall socket.

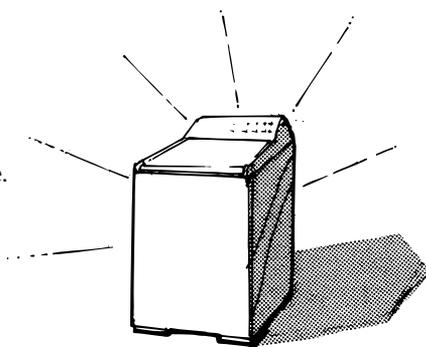
COLD WATER WASHING

If you always use cold water, we recommend that a warm or hot wash be used at regular intervals eg every fifth wash should be at least a warm wash.

CLEANING YOUR SMART DRIVE

- **Use a damp cloth or warm soapy water and wipe dry. Do not use chemical or scouring cleaners as they can damage the paint and plastic surfaces.**
- Clean the fabric softener dispenser regularly using warm soapy water.
- You can remove the lid for cleaning. Open the lid fully, hold one side with one hand and gently tap the other side with an upward motion.
To replace the lid, hold the lid vertically and align both hinges before pushing down firmly.
- To remove the agitator for cleaning, unscrew the nut down the center of the agitator by turning anti-clockwise.

CAUTION:The agitator must be fully pushed on to the shaft when refitting. Tighten the nut firmly by hand. Ensure the agitator is not loose.



CLEANING THE INSIDE OF YOUR SMART DRIVE

If you use fabric softener or do regular cold water washing, it is important that you occasionally clean the inside of your machine.

- Fill your machine with hot water. Add about two cups of a powdered detergent.
- Let it agitate for several minutes.
- Stop the machine, open the lid, and leave it to soak overnight.
- After soaking, drain the machine and run the machine through a regular cycle.

We do not recommend that you wash clothes during this procedure.

PRODUCTS THAT MIGHT DAMAGE YOUR SMART DRIVE

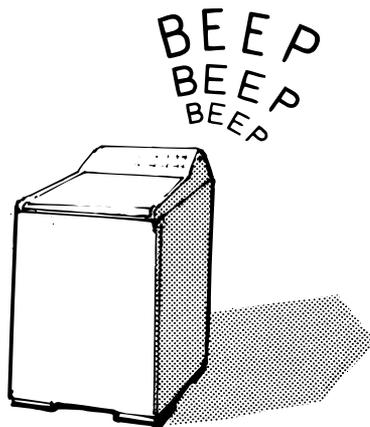
- Concentrated bleaches and diaper sanitizers will cause damage to the paintwork and components of your washer.
- Hydrocarbon solvents ie gasoline, paint thinners and lacquer thinners, etc. can dissolve plastic and blister paint. (Do not wash or dry garments stained with these solvents as they are flammable.)
- Some pretreatment sprays or liquids can damage your washer's control panel.
- Use of dyes in your washer may cause staining of the plastic components. The dye will not damage the machine but we suggest you thoroughly clean your washer afterwards. We do not recommend the use of dye strippers in your washer.
- Do not use your washer lid as a work surface.



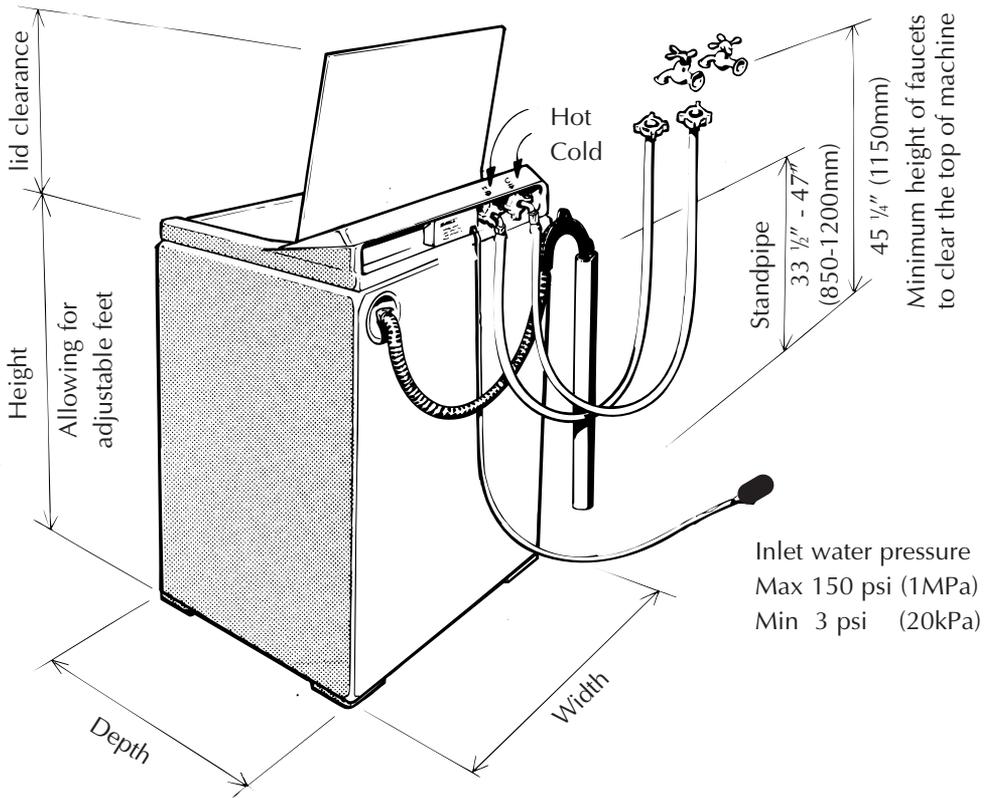
SMART DRIVE SOUNDS AND BEEPS

Your Smart Drive will make sounds that you will not have heard from other washers.

- The motor will pulse before agitate and while draining before spin. This may sound like several low thuds. Your machine is checking if there is enough water in the machine before agitating and that the water has drained before spinning.
- Your Smart Drive will beep at the end of the cycle and if you have used Spin Hold.
- When AUTO is selected your Smart Drive will alternate between filling and agitating to check that it has the right amount of water for the load.
- If your machine is beeping continuously or giving short bursts of beeps refer to If Your Smart Drive Beeps For Help page 35.



SPECIFICATIONS



Inlet water pressure
 Max 150 psi (1MPa)
 Min 3 psi (20kPa)

DIMENSIONS

MODEL	L08
DEPTH	25½" (650mm)
WIDTH	25½" (650mm)
HEIGHT	35½" (900mm)-36½" (930mm)
TO TOP OF CONSOLE	39½" (1000mm)-40½" (1030mm)
LID CLEARANCE	18" (460mm)

WATER CONSUMPTION (RINSE OPTIONS)

CYCLE (L08)	Gallons - Litres
Water Saver Rinse	39 gal (145l)
Spray & Deep Rinse	45 gal (170l)
1 Deep Rinse	44 gal (165l)
2 Deep Rinses	58 gal (220l)

(Please note these are approximate figures for High water levels with a 15.5 lb load.)

SAVING WATER

- **FULL LOADS** Full loads use water more efficiently than part loads.
- **WATER SAVER** The Water Saver option minimizes the amount of water used in the rinse. (Refer to Water Saver page 12.)
- **SINGLE DEEP RINSE** You can adjust the rinse option on Regular, Heavy Duty and Wool cycles to have one deep rinse only. (Refer to Rinse Options page 25.)
- **AUTO WATER LEVEL** You can adjust Auto water level to fill with less water. (Refer to Auto Water Fill Level page 27.)



Your Smart Drive also offers several ways of reusing the wash and rinse water.

RECYCLING THE WASH WATER

1. Select SOAK on the first wash cycle.
2. Remove the clothes at the end of the wash phase and add the second load to the wash water.
3. Select the wash cycle for the second load. You may need to add extra detergent.
4. Remove the second load at the end of the cycle.
5. Replace the first load, select rinse and complete the wash cycle.

RECYCLING THE WATER FROM DEEP RINSE

1. Select SPIN HOLD on the first wash cycle. (You cannot use the Water Saver option when recycling the water from deep rinse.)
2. Remove the clothes at the end of the rinse and add the second load to the rinse water.
3. Select the wash cycle for the second load.
4. Remove the second load at the end of the cycle.
5. Replace the first load and spin dry.

MANUAL SUDS SAVE WITH SIPHON BACK

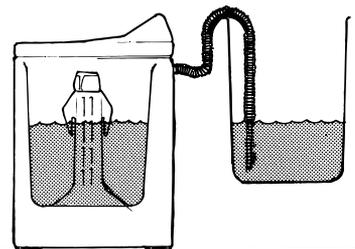
If you have a large tub near your washing machine and a separate drain outlet you can set up another method of reusing the water.

(The tub should hold a minimum of 27 gallons (100 litres) or have an overflow.)

1. Select SOAK on the first wash cycle.
2. At the end of the wash phase place the drain hose in the tub.
3. Cancel SOAK (press ADVANCE button). The suds water will be pumped into the tub. Do not leave your machine until pump out is completed.
4. **ONCE YOUR TUB IS FILLED RETURN THE DRAIN HOSE TO THE DRAIN. THIS MUST BE DONE BEFORE THE MACHINE STARTS SPINNING.**
5. Allow the machine to complete the rest of the cycle. Remove the first wash load and place the second load in the machine.
6. To siphon back the suds place the end of the drain hose in the tub, ensure that the end is near the bottom of the tub.
7. Advance to SPIN and allow the machine to pump for a few seconds to clear air from the drain hose, then press POWER to turn the machine off.
8. The suds water will siphon back into the machine. It will take several minutes to siphon back the water.
9. RETURN HOSE TO DRAIN.
10. Select second wash cycle.

The above method can also be used to recycle the water from a deep rinse. Select SPIN HOLD in place of SOAK.

Note: For any of the above methods, manually select the water level for the second wash load. Auto water level may fill to a level too high for the clothes load if there is already water in the washing machine.



Note: You will only be able to siphon back into the machine until the water level is equal to that in the tub.

WASH PROBLEMS

PROBLEMS POSSIBLE CAUSES and SOLUTIONS

Creasing	<ul style="list-style-type: none">• Overloading the washer or dryer.• Choose a Permanent Press or Delicate cycle as these cycles have been designed to minimize creasing.• Try selecting a slower spin speed.• Do not leave wet clothes to sit in the washer or laundry basket.
Poor soil removal	<ul style="list-style-type: none">• Not enough detergent for load size or amount of soil.• White clothes are better washed separately. Separate light and heavily soiled items, as clothes can pick up soil from dirty wash water.• Select the wash temperature according to soil type. For example, blood and mud are better washed in cold water, while oily soils wash better in warmer water.• Cold water wash too cold.• Overloading the washer.• Loads made up of articles of varying sizes will wash better (eg full loads of sheets may not wash as well).• Hard water requires more detergent than soft water.
Linting	<ul style="list-style-type: none">• Wash lint givers eg towels, flannelette sheets, separately from lint collectors eg synthetic fabrics.• Overloading the washer.• Not enough detergent to hold the lint in suspension.• Overdrying in a dryer can cause a build-up of static electricity in synthetic fabrics and cause them to attract lint.
Residue detergent	<ul style="list-style-type: none">• Overloading the washer.• Try using less detergent.• Some detergents need to be pre-dissolved, check the detergent instructions.• Cold ambient temperatures, cold washes or short agitation times may not let the detergent dissolve properly. Try pre-dissolving the detergent.
Black marks on clothes	<ul style="list-style-type: none">• A build-up caused by the interaction of fabric softener and detergent can flake off and mark clothes. (Refer to Scrud page 20)• Insufficient detergent, for the amount of soil on the clothes, can result in black marks on clothes. (Refer to Detergent page 20)
Dye transfer	<ul style="list-style-type: none">• Wash and dry non-colorfast clothes separately.• Non colorfast clothes left sitting in a washer or laundry basket can transfer dye to other clothes.
Tangling	<ul style="list-style-type: none">• Washing with too much water (ie underloading) can cause the clothes to tangle around one another.• Do not load the washer by wrapping clothes around the agitator.

OPERATING PROBLEMS

If your Smart Drive is not operating properly use the checklists on the following pages to find the possible solution. **If the problem persists contact your Fisher & Paykel Dealer or Authorized Service Agent.**

SYMPTOMS	POSSIBLE SOLUTIONS
Pressing POWER does not turn the machine on.	<ol style="list-style-type: none">1. Is the power switched on?2. Unplug machine from the wall. Wait 15 seconds, plug back in and operate the machine.3. Could your household power supply be at fault? Try plugging in another electrical appliance.
Pressing START / PAUSE does not start the wash cycle.	<ol style="list-style-type: none">1. Have you closed the lid?2. Are both hot and cold faucets turned on?3. Are the inlet hoses kinked?4. Try pressing START / PAUSE again.
Machine will not spin.	<ol style="list-style-type: none">1. Have you closed the lid?2. Is the spin light flashing? If so press START / PAUSE.3. Is the machine draining?4. Are the clothes out of balance?5. Check machine is level. (See separate INSTALLATION INSTRUCTIONS).
Clothes still wet at end of cycle.	<ol style="list-style-type: none">1. Are the clothes out of balance?
Machine is continually going out of balance.	<ol style="list-style-type: none">1. Check the machine is level.2. Are the clothes out of balance?
Too much or too little water when filling on Auto water level.	<ol style="list-style-type: none">1. If there was water already in the basket before Auto water level was selected it may cause the machine to overflow.2. Some loads do not suit Auto water level eg pillows, bedding, large bulky, garments. Manually select the water level. Refer to page 27 to adjust the Auto fill level.
Small puddle of water coming from under the machine.	<ol style="list-style-type: none">1. The water level is too high for the amount of clothes. This has caused excessive splashing. Use a lower water level.2. Too much detergent for the level of soil in the clothes. This has caused excessive suds to splash over the tub. When the suds dissolve they can form a puddle that can be mistaken as a leak. Check the amount of detergent used.
Spin speed sounds slower than it should.	<ol style="list-style-type: none">1. The clothes are unevenly distributed in the wash basket, your Smart Drive has compensated by lowering the spin speed.

IF YOUR SMART DRIVE BEEPS FOR HELP

Your Smart Drive is capable of diagnosing its own troubles. If your Smart Drive gives a short burst of beeps every 5 seconds it is telling you that it has a problem which YOU can solve using the checklist below.

MACHINE IS GIVING A SHORT

BURST OF BEEPS* AND...

POSSIBLE SOLUTIONS

* *The short burst of beeps is the same sound your washer makes when you plug your machine in.*

HOT water temperature
light is flashing

1. Hot faucet has not been turned on.
2. Inlet hose screens may be blocked.
3. Hot water supply is not hot enough to maintain the wash temperature you have selected. Select a lower wash temperature.
4. Inlet hoses connected the wrong way around.

COLD water temperature
light is flashing

1. Cold faucet has not been turned on.
2. Inlet hose screens may be blocked.
3. Faucets connected the wrong way around.
4. Cold water temperature exceeds recommended limits (See separate INSTALLATION INSTRUCTIONS).

HOT and COLD water
temperature lights are flashing

1. The inlet hoses have not been turned on.
2. The drain hose is too low & the water is siphoning out of the machine. (See separate INSTALLATION INSTRUCTIONS).
3. Water flow is very low. Check screens on inlet hoses and water valves for any blockage.

HIGH water level light is
flashing

1. The machine is overloaded and can not agitate. Ensure the machine is stationary. Remove clothes until the remaining clothes can move freely.
2. Remove the agitator. Check that no foreign object is trapped under the agitator

First rinse light or spin light
is flashing

1. The machine has a suds build-up. (Too much detergent may have been used for the amount of soil in the load.) Wait for suds to dissolve. Rinse clothes using a deep rinse.

First RINSE or SPIN light is
flashing as well as the SPIN
SPEED light.

1. Wash load is out of balance. Ensure the machine is stationary. Manually redistribute the load. Check machine is level. (See separate INSTALLATION INSTRUCTIONS).

IF THE MACHINE BEEPS CONTINUOUSLY

1. Unplug machine from the wall. Wait 15 seconds, plug back in and operate machine.
2. If the fault re-occurs repeat step 1.
3. If the machine still will not work call your Authorized Service Agent or Fisher & Paykel Dealer.

WASHER WARRANTY

WHAT IS COVERED BY THE WARRANTY

FULL TWO-YEAR WARRANTY

For two years from the date of original purchase, we will provide, free of charge, parts and service labor in your home to repair or replace *any part of the washer* that fails because of a manufacturing defect.

.....

This warranty is extended to the original purchaser and any succeeding owner for products purchased for ordinary home use in the 48 mainland states, Hawaii and Washington, D.C. In Alaska the warranty is the same except that it is LIMITED because you must pay to ship the product to the service shop or for the service technician's travel costs to your home. All warranty will be provided by a Fisher & Paykel Authorized Service Agent during normal working hours.

Should your appliance need service, during the warranty period or beyond, call **TOLL FREE 888 9FNP USA (888 936 7872)**

WHAT IS NOT COVERED BY THE WARRANTY

- Service trips to your home to teach you how to use the product or change the set-up of the product.
Read your USE & CARE book. If you then have any questions about operating the product, please contact your dealer or call **888 9FNP USA (888 936 7872)**
- Improper installation.
If you have an installation problem, contact your dealer or installer. You are responsible for providing adequate electrical, exhausting and other connection facilities.
- Replacement of house fuses or resetting of circuit breakers.
- Failure of the product if it is misused, or used for other than the intended purpose or used commercially.
- Damage to product caused by accident, fire, floods or Acts of God.
- Correction of unauthorized repairs.
- Normal recommended maintenance as set out in the products USE & CARE book.

WARRANTOR IS NOT RESPONSIBLE FOR CONSEQUENTIAL DAMAGES

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are in your state, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: Fisher & Paykel Appliances Inc.

If further help is needed concerning this warranty write:

Fisher & Paykel Appliances Inc., 22982 Alcalde Drive, Suite 100, Laguna Hills, CA 92653.



WASHER WARRANTY (continued)

PROOF OF PURCHASE

Proof of original purchase date is required to obtain service under warranty. Attach your sales receipt or cancelled check here.

Write down the model, serial number and purchase information below.

Model Number _____

Serial No. _____

Purchaser _____

Date of Purchase / /

Dealer _____

Address _____

SERVICE

**For your local Fisher & Paykel Authorized Service Agent,
please call 888 9FNP USA (888 936 7872)**

or contact us through our web site,

www.fisherpaykel.com